

Aleksander Abaloszew

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6785341/publications.pdf>

Version: 2024-02-01

33
papers

425
citations

933447

10
h-index

713466

21
g-index

34
all docs

34
docs citations

34
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong pinning in high-temperature superconducting films. <i>Physical Review B</i> , 2002, 66, .	3.2	194
2	Amorphous state and pulsed laser deposition of YBa ₂ Cu ₃ O _{7-δ} thin films. <i>Journal of Applied Physics</i> , 1999, 85, 7282-7290.	2.5	43
3	Laser-induced structural transitions in YBa ₂ Cu ₃ O _y amorphous films with nanocrystalline clusters. <i>Physical Review B</i> , 2000, 62, 696-701.	3.2	26
4	Atomic order, electron structure, and critical parameters of epitaxial YBaCuO films. <i>Applied Physics Letters</i> , 1999, 75, 1949-1951.	3.3	23
5	Effect of cluster structure on the transition from spin-dependent tunneling to percolation mechanism of conductivity in LaSr(Ca)MnO thin films. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 332, 275-285.	2.1	17
6	Spin-dependent tunneling in dielectric LaSrMnO films with mesoscopic conducting clusters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 325, 79-85.	2.1	12
7	Upper critical field and superconductor-metal transition in ultrathin niobium films. <i>Scientific Reports</i> , 2020, 10, 19062.	3.3	11
8	Magnetic-field and high-pressure dependences of T _c and critical current in the polycrystalline HgBaCaCuO system. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 251, 207-215.	1.2	10
9	d-wave superconductivity of the hole-doped (SrCa) ₁₀ Cu ₁₇ O ₂₉ ladder compound. <i>Physical Review B</i> , 2000, 61, 1500-1505.	3.2	10
10	Variety of LaSrMnO structures induced by growth conditions and laser irradiation. <i>Technical Physics</i> , 2003, 48, 250-256.	0.7	10
11	The enhancement of vortex pinning in ferromagnet/superconductor bilayers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 1650-1655.	0.8	10
12	Negative Hall coefficient of ultrathin niobium in Si/Nb/Si trilayers. <i>Physical Review B</i> , 2014, 90, .	3.2	10
13	Disordering of the electronic structure of YBaCuO amorphous films upon incorporation of crystalline clusters formed in laser-induced plasma into their composition. <i>Physics of the Solid State</i> , 2011, 53, 13-22.	0.6	9
14	The effect of strain on the microstructure and superconductivity of pulsed laser deposited LaSrCuO films. <i>Superconductor Science and Technology</i> , 2006, 19, 564-572.	3.5	6
15	Influence of a strontium-enriched intergranular cluster network on the electrical conductivity of In ₂ O ₃ -SrO ceramics. <i>Technical Physics</i> , 2013, 58, 1144-1151.	0.7	6
16	Comparison of pressure, magnetic-field, and excess manganese effects on transport properties of film and bulk ceramic La ²⁺ Ca manganites. <i>Low Temperature Physics</i> , 2006, 32, 139-147.	0.6	4
17	Laser irradiation effects in crystalline and amorphous YBaCuO thin films. , 2000, , .		3
18	Laser irradiation effects in YBa ₂ Cu ₃ O ₇ amorphous films. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2147-2148.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Effect of pulsed UV laser irradiation on the properties of crystalline YBa ₂ Cu ₃ O _{7-x} thin films. Superconductor Science and Technology, 2007, 20, 433-440.	3.5	3
20	The low-temperature electric conductivity of YBaCuO and LaSrMnO dielectric films obtained by a pulsed laser sputter deposition technique. Technical Physics Letters, 2000, 26, 903-906.	0.7	2
21	ab-plane tunneling and Andreev spectroscopy of the superconducting gap and pseudogap in (Bi,Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O _{10-x} and Bi ₂ Sr ₂ CaCu ₂ O _{8-x} . Low Temperature Physics, 2003, 29, 108-112.	0.6	2
22	Nickel alloy substrates with a sharp cube texture for high-T _c superconducting tapes. Doklady Physics, 2004, 49, 167-170.	0.7	2
23	Effect of flux clusterization on the thickness of films deposited by magnetron and pulsed laser sputtering of metal oxides. Technical Physics Letters, 2012, 38, 231-234.	0.7	2
24	Transport properties of doped (Sr,Ca) ₁₀ Cu ₁₇ O ₂₉ single crystals under high hydrostatic pressure. Physica C: Superconductivity and Its Applications, 2000, 338, 291-297.	1.2	1
25	Strong pinning by correlated and point disorder in YBa ₂ Cu ₃ O _{7-x} thin films. Physica C: Superconductivity and Its Applications, 2002, 369, 240-244.	1.2	1
26	POINT-CONTACT SPECTROSCOPY OF MAGNESIUM DIBORIDE WITH DIFFERENT COUNTER-ELECTRODES. Modern Physics Letters B, 2003, 17, 1405-1416.	1.9	1
27	Self-organization of atomic order and electronic structure in LaSrMnO films. Technical Physics, 2004, 49, 572-576.	0.7	1
28	Tunneling density of states of MgB ₂ : evidence for a dominant σ -band contribution. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1633-1637.	0.8	1
29	Penetration of the high-frequency electromagnetic field through thin films of Sr-doped lanthanum manganites. Thin Solid Films, 2009, 517, 2979-2983.	1.8	1
30	Microwave Characterization of 122-Prictides by a Superconducting Niobium Cavity. Acta Physica Polonica A, 2019, 135, 47-50.	0.5	1
31	Structure of laser-modified YBa ₂ Cu ₃ O _{7-x} thin films. Journal of Alloys and Compounds, 2004, 362, 293-296.	5.5	0
32	Electric transport in the phase-slip-free superconducting epitaxial Nb(Ti)N sub-micron structures. Physica C: Superconductivity and Its Applications, 2019, 560, 7-9.	1.2	0
33	Current-voltage characteristics of strained, highly underdoped La _{2-x} Sr _x CuO ₄ thin films. Superconductor Science and Technology, 0, , .	3.5	0